

REMARKS

Applicants appreciate the thorough examination of the present application as shown in the Office Action of January 9, 2007 (hereinafter "Office Action"). However, Applicants respectfully maintain that the pending claims are patentable over the cited references for at least the reasons discussed below.

Independent Claim 1 is Patentable Over Lord

Claim 1 has been rejected under 35 USC §102(e) as being anticipated by U.S. Patent Application Publication No. 2004/0209649 to Lord (hereinafter "Lord"). Office Action, Page

2. Claim 1 recites:

1. A method for controlling usage of a mobile terminal, the method comprising:
 - receiving a usage specification including an identification of allowed numbers, an identification of restricted numbers, a usage time limitation, an expiration value and/or a specification of enabled services of the mobile terminal that are restricted; and
 - limiting usage of the mobile terminal based on the received usage specification responsive to receipt of a valid authorization code; and
 - wherein receiving a usage specification and limiting usage further comprise at least one of the following:
 - receiving a usage specification restricting access to enabled services of the mobile terminal including internet access services, multimedia messaging access services, email services, camera and/or video functions; and/or
 - receiving the authorization code wherein the authorization code is encoded to restrict viewing of the authorization code by a user of the mobile terminal. (*Emphasis added*).

Thus, some embodiments of the present invention describe a usage specification used for *restricting access* to already enabled services of the mobile terminal. In contrast, Lord is directed to *providing access* to multimedia broadcasts on cellular telephones based on an electronic key stored, for example, in the subscriber identification module (SIM) card of the cellular phone. *See* Lord, Abstract and Paragraph 0012.

Accordingly, Applicants submit that the cited portions of Lord fail to disclose or suggest at least the recitations of Claim 1 highlighted above. For example, the Office Action asserts that Lord discloses receiving a usage specification restricting access to enabled

services of the mobile terminal at paragraphs 9 and 44. *See* Office Action, Page 3. However, cited paragraph 0009 of Lord provides:

[0009] Our prior international application, which was not available to the public on Jun. 22, 2001 when UK application number 0115346.9 from which the present application claims priority discloses an invention which for the first time utilized cellular phone systems for mass distribution of bulk digitized information content, especially multimedia content such as newspapers, television, music, Internet content and so on, by broadcasting the information simultaneously to multiple cell phone users, each of whom receives the content simultaneously with other users. The invention of our prior international application provided a teaching of as to how the benefits of the information world could be conveniently made available to mobile users and others.

Lord, Paragraph 0009 (*emphasis added*). In addition, cited paragraph 0044 describes:

[0044] For example, cell phones **20** having substantial data storage capability can be operated with a SIM card that enables reception of sophisticated broadcast services comprising video, sound, music, newspapers, and/or computer games, stories or any other product or item that can be transmitted in digital form.

Lord, Paragraph 0044 (*emphasis added*). Accordingly, the cited portions of Lord describe cellular phones that can *provide access to* and/or *enable reception of* multimedia services. As such, nowhere do the cited portions of Lord disclose or suggest a usage specification used to *restrict access* to enabled multimedia services. Thus, Applicants submit that the cited portions of Lord do not disclose or suggest "receiving a usage specification restricting access to enabled services of the mobile terminal including internet access services, multimedia messaging access services, email services, camera and/or video functions", as recited by Claim 1.

Nor does Lord disclose or suggest limiting usage of a mobile terminal responsive to receiving an authorization code "that is encoded to restrict viewing of the authorization code by a user of the mobile terminal", as recited by Claim 1. For example, the Office Action asserts that Lord discloses an authorization code that is encoded to restrict viewing by a user of the mobile terminal at paragraphs 31-33. *See* Office Action, Page 3. However, the cited portions of Lord provide:

[0031] More preferred, however, is a personal broadcast key which enables the reception of at least one specified channel for a defined period of time, for example one three or six months, one, two or three years, or a trial period of one week. The personal broadcast key can comprise a private code and the specific broadcast to be enabled can comprise a public code, and the private and public codes can be used cooperatively by the receiving device to unlock the receiving device to process the specific broadcast for viewing, listening and/or storage by the viewer. Preferably, the personal broadcast key also includes a personal code which can include a personal identifier or an identifier indicating the source, distributional or otherwise of the personal broadcast key. The personal broadcast key may optionally additionally include coding keys which enable decoding of an encrypted broadcast. Preferably, if the personal broadcast key does not meet the service provider's requirements as defined in the specific broadcast signal public key; no viewing, hearing or storage of the specific broadcast is possible.

[0032] The private, public and personal codes may take any suitable desired form such as numeric, alphanumeric, ASCII, graphic, iconic or other machine-readable codes, or combinations of the foregoing.

[0033] Optionally, one or more specific broadcasts may be locked, encrypted or otherwise rendered inaccessible, and the personal broadcast key is operative to unlock the broadcast or to enable the radiotelephone receiver operating cooperatively with the electronic accessory device, to unlock the broadcast.

Lord, Paragraphs 0031-0033 (*emphasis added*). Accordingly, the cited portions of Lord describe private, public, and personal codes that may be used to unlock and/or enable the receiving device to process the specific broadcast for viewing, listening and/or storage by the viewer. Yet nowhere do the cited portions of Lord disclose or suggest that any of the private, public, and/or personal codes described therein are themselves encoded *to restrict viewing of the code by a user of the mobile terminal*. Rather, as noted above, the codes may be numeric, alphanumeric, ASCII, graphic, and/or iconic. *See* Lord, Paragraph 0032. Thus, Applicants submit that the cited portions of Lord fails to disclose or suggest "receiving the authorization code wherein the authorization code is encoded to restrict viewing of the authorization code by a user of the mobile terminal", as recited by Claim 1.

Applicants further note that the Office Action generally cites several paragraphs of Lord as disclosing "receiving a usage specification" and/or "limiting usage of the mobile terminal based on the received usage specification" as recited by Claim 1, but fails to explain

how the cited paragraphs teach or suggest the recitations of Claim 1. *See* Office Action, Page 2. For example, cited paragraph 0027 of Lord describes control software for recognizing and enabling reception of a broadcast "according to choices made by the computer user, e.g. from a menu of incoming multi media data". Lord, Paragraph 0027. Also, cited paragraph 0030 of Lord describes an electronic personal broadcast key that "enables reception of a specific broadcast channel or channels or content of a specific channel". Lord, Paragraph 0030 (*emphasis added*). Likewise, paragraph 0031 of Lord describes a personal broadcast key that "enables the reception of at least one specified channel for a defined period of time". Lord, Paragraph 0031 (*emphasis added*). In addition, paragraph 0046 of Lord describes a SIM card 34 including a product interface 48 "that provides access to one or more specified broadcasts enabled by SIM card 34". Furthermore, paragraph 0048 of Lord describes that "SIM card 34 may require the user to provide demographic or other information before enabling broadcast reception". Lord, Paragraph 0048 (*emphasis added*). As such, while all of the above cited portions of Lord describe providing access to or enabling reception of broadcast content, nowhere do the cited portions of Lord disclose or suggest a usage specification that includes "a specification of *enabled services* of the mobile terminal *that are restricted*", as recited by Claim 1.

Accordingly, Applicants submit that Lord fails to disclose or suggest at least the recitations of Claim 1 highlighted above. Thus, Applicants submit that Claim 1 is patentable over Lord for at least the above reasons. If the Office Action continues to rely on Lord as disclosing specific recitations of Claim 1, Applicants respectfully request that specific portions of the cited paragraphs of Lord be identified, and that an explanation be provided as to how these portions disclose or suggest the recitations of Claim 1.

Independent Claims 1, 22, and 30 Are Patentable Over Kaplan and Lord

Claims 1, 2, 21-24, and 30-32 have been rejected under 35 USC §103(a) as being obvious over U.S. Patent No. 5,884,193 to Kaplan (hereinafter "Kaplan") in view of Lord. *See* Office Action, Page 3. In particular, the Office Action concedes that Kaplan fails to disclose or suggest "receiving a usage specification restricting access to enabled services of

the mobile terminal" and "receiving the authorization code wherein the authorization code is encoded to restrict viewing of the authorization code by a user of the mobile terminal" as recited by Claim 1, but asserts that Lord teaches one or both of these recitations at paragraphs 27, 30, 31, 46, and 48-52. *See* Office Action, Pages 4-5.

However as discussed above with reference to the Section 102 rejections, the cited portions of Lord fail to disclose or suggest "receiving a usage specification restricting access to enabled services" and "receiving the authorization code...encoded to restrict viewing...by a user of the mobile terminal". Rather, as noted above, the cited portions of Lord describe providing access to and/or enabling reception of broadcast content. *See e.g.*, Lord, Paragraphs 0027, 0030, 0031, 0046, and 0048 to 0052. Moreover, as noted above, Kaplan also fails to disclose or suggest these recitations. *See* Office Action, Page 4.

Accordingly, Applicants submit that Kaplan and Lord fail to disclose or suggest all of the recitations of Claim 1. Thus, Claim 1 is patentable over the combination of Kaplan and Lord for at least the above reasons. Claims 22 and 30 include usage control system and computer program product recitations corresponding to the recitations of Claim 1, and are thus patentable over the combination of Kaplan and Lord for at least similar reasons. Also, dependent Claims 2-21, 23-29, and 31-32 are patentable at least per the patentability of Claims 1, 22, and 30 from which they depend.

Many of the Dependent Claims Are Separately Patentable

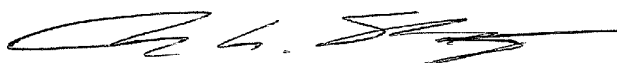
In addition, while each of the dependent claims is patentable as depending from Claims 1, 22, and 30, Applicants submit that several of the dependent claims are also separately patentable over the cited references for at least the reasons discussed in Applicants' Amendment of April 21, 2006, which is incorporated by reference herein.

In re: Hill et al.
Serial No.: 10/736,079
Filed: December 15, 2003
Page 14

Conclusion

In view of the above, Applicants submit that the pending claims are in condition for allowance and respectfully request allowance of the present application. If further informalities are noted, the Examiner is encouraged to contact the undersigned by telephone to expedite allowance of the present application.

Respectfully submitted,

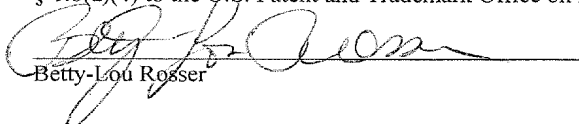


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